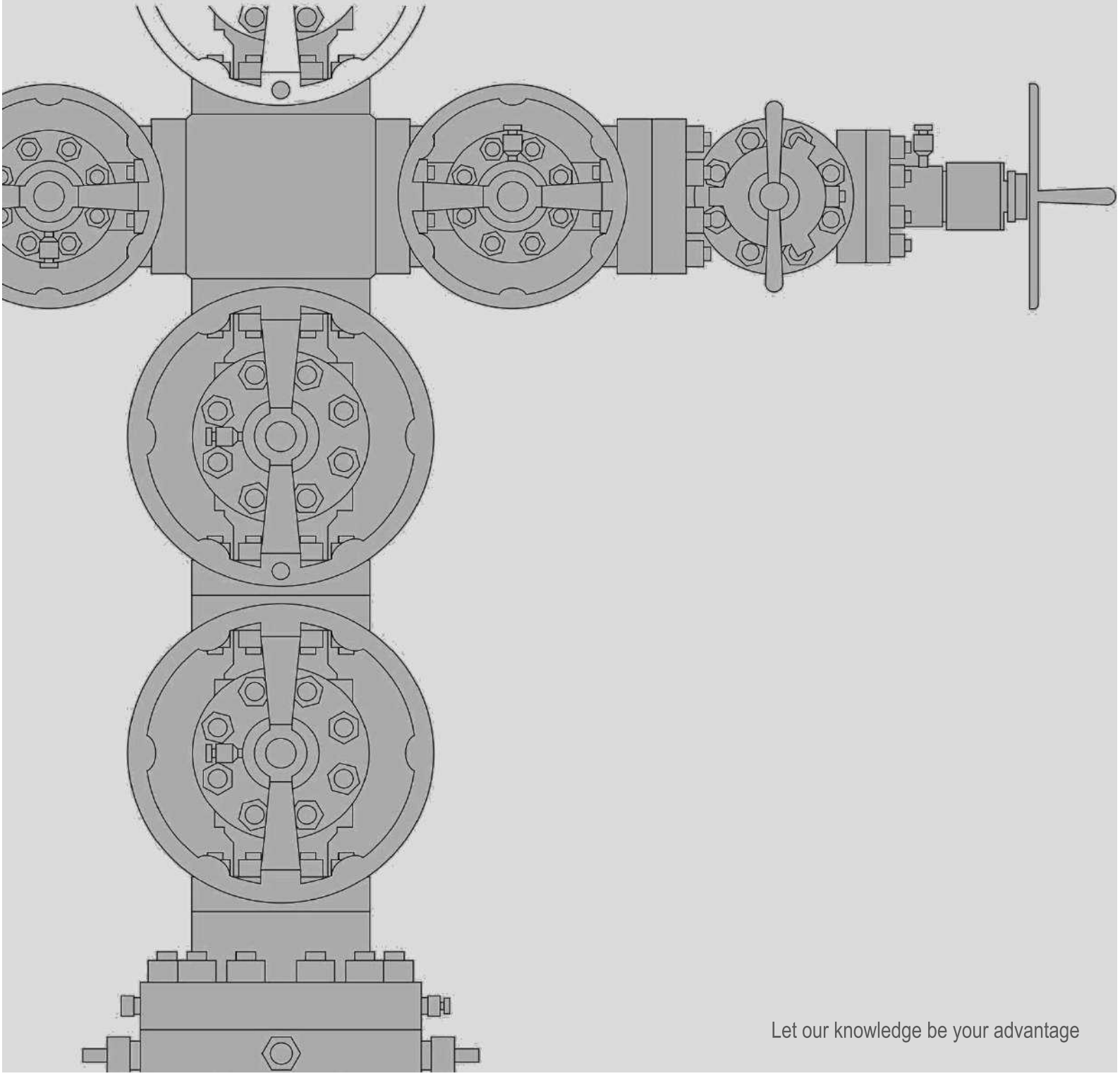
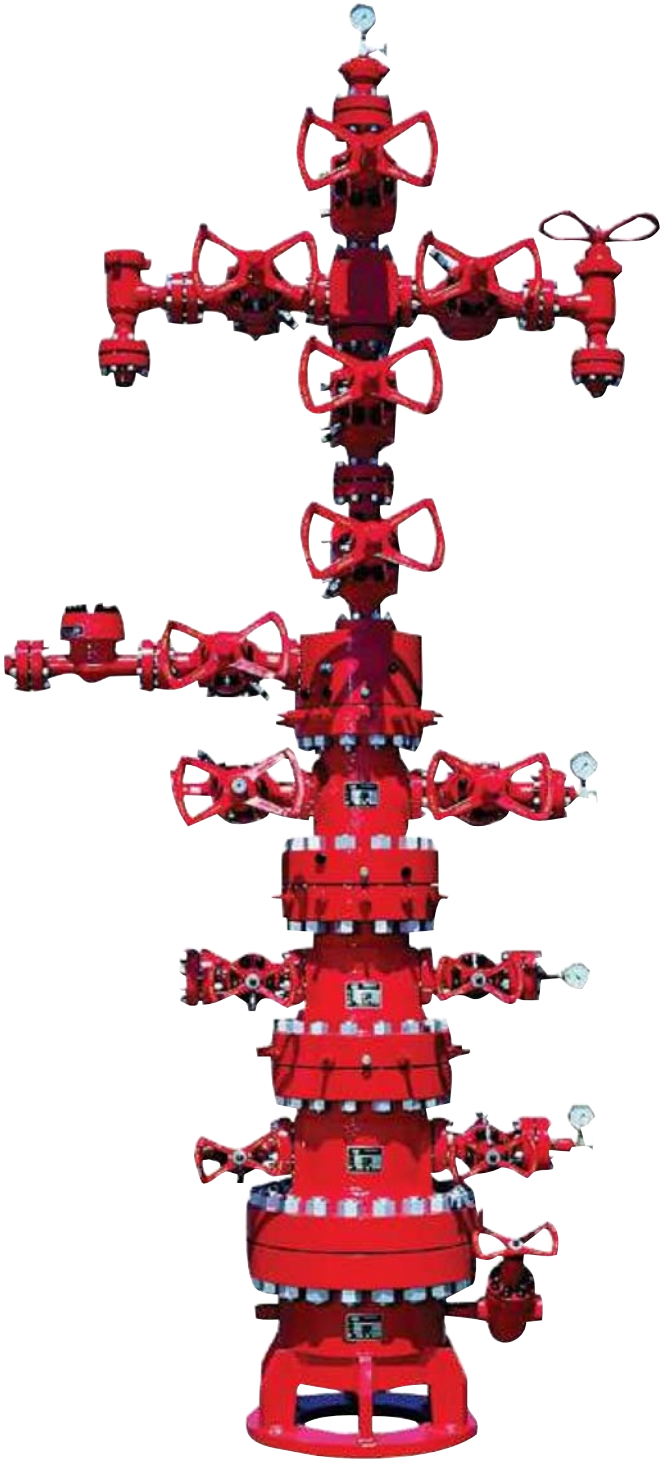
PETRO WELLHEADS

Your reliable business partner



Let our knowledge be your advantage





Our Vision

Petro Wellhead Systems Vision Statement:
Delivering dependable products and services to our customers, through experienced people, reliable products and industry focused technologies.

Corporate Mission Statement:
Provide the continuous improvement needed through experienced and focused performance capabilities that set the Oil and Gas industry standard for service, quality and overall customer satisfaction.

Discover the power of Performance Driven by Experience and Focus

Our company is proud to be recognized for its history of technological innovation and its reputation for customer service. But that's only a small window into the portal of Petro Wellhead Systems.



You require products and services that are cost effective and reliable. You want the latest time saving applications, the best technology, and you want a company that has a great service and safety record. For these reasons, we've shaped our offerings to reflect your needs. We're advancing cutting edge time saving wellhead products and solutions.
If your requirements are for one of our engineered designs, we have systems constructed to lower your total installation costs and maximize your production.

However, you can use us for your conventional wellhead needs as well. Petro wellhead maintains a strategically distributed inventory of standardized supported products to meet the needs of our customers.

Simplify the way you get things done and use the Guardians of Pressure Control for all of your Wellhead and FRAC equipment needs. We are committed to the continuous improvements needed to shape this industry and improve your experience with Petro Wellhead Systems.



Petro Wellheads

Our wellhead equipment is specifically made to cover all current API 6A technical requirements being fully customized to any product specification for any operation, worldwide.

All our designs can be rapidly modified to meet any requirements regarding casing schedule or material specifications.

Our wellhead equipment is used for oil and gas wells sealing, casing and tubing hanging, to control well operations and to perform technological procedures.

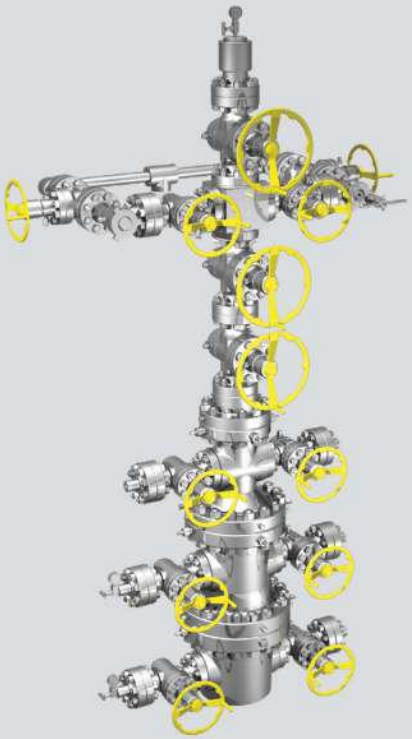
Our wellhead equipment can be used in flowing wells, geothermal applications, injection wells, pumping out with electric submersible or sucker-rod pumps.

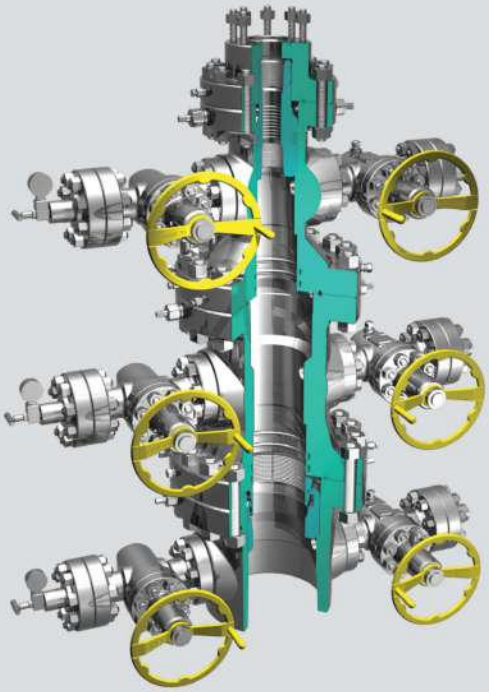
Our wellhead equipment is made in all material classes (AA ... HH), temperature ranges, PSL level requirements and multiple configurations: single completion; dual completion; single completion – Block Tree, completion for pumping wells, unihead equipments.

FEATURES

- Size:
  - Flange: up to 21 1/4"
  - Casing size: 4 1/2" ÷ 20"
  - Tubing size: 2 3/8" ÷ 4 1/2"
- Pressure rating: 2,000 ÷ 15,000 PSI.

FULL VIEW AND SECTION





CASING HEAD HOUSING

Our Casing Head Housing is used to suspend and to seal casings.

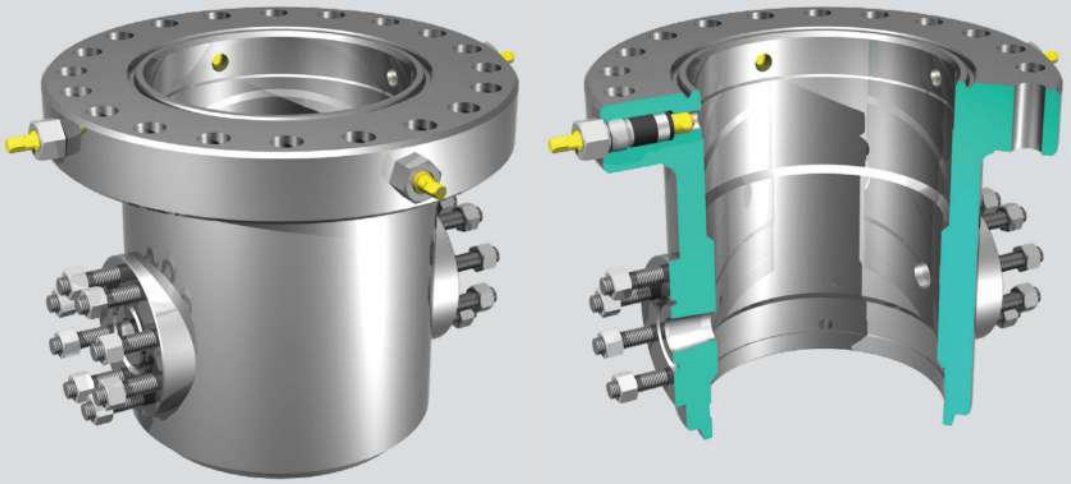
Flanges and side outlets are in compliance with API spec. 6A.

Our Casing Head Housing has a versatile straight design allowing a wide variety of slip and mandrel casing hangers (standard PU-22 casing hanger).

FEATURES

- Top flange size: 7 1/16" ÷ 21 1/4".
- Casing size: 7" ÷ 20".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Available with:
  - API female casing threads form
  - Slip on weld connection
  - Slip lock
- Outlets:
  - Line pipe thread
  - Studded flange (valve removal thread designed on request)
- Standard with lockscrews.

FULL VIEW AND SECTION



CASING HEAD SPOOL

Petro Wellheads

Casing Head Spool is used to suspend and to seal casings.

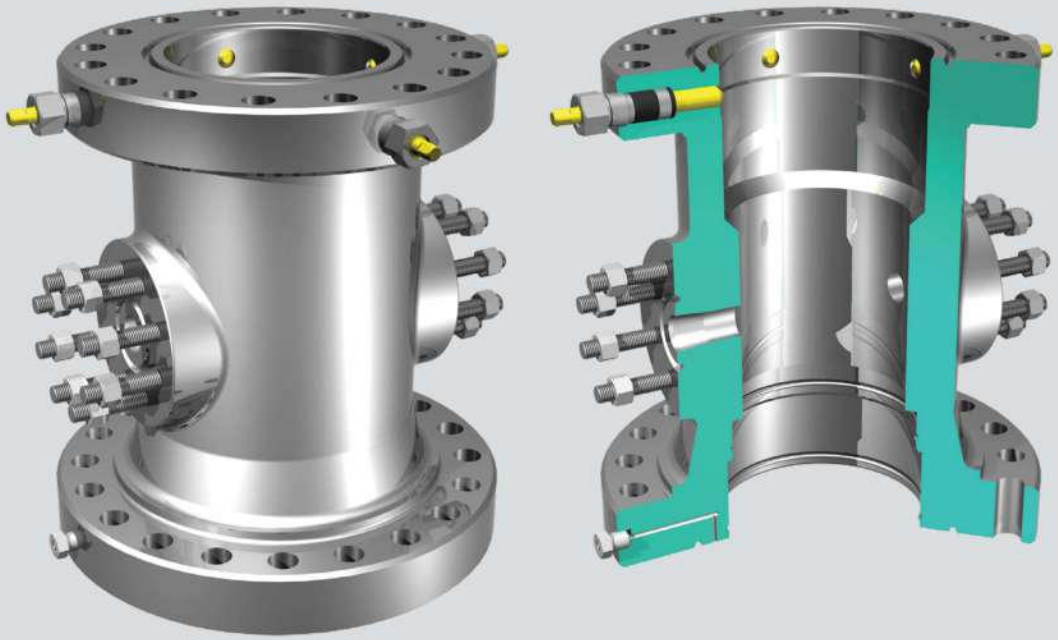
Our Casing Head Spool has a versatile straight design allowing a wide variety of slip and mandrel casing hangers (standard PU-22 casing hanger).

Our flanges and side outlets are in compliance with API spec. 6A.

FEATURES

- Bottom flange size: 7" ÷ 21 1/4".
- Top flange size: 9" ÷ 21 1/4".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Outlets: studded flanges with valve removal thread.
- Available with lockscrews.
- Optional selection for one of secondary seals:
  - PU-H
  - PU-IS

FULL VIEW AND SECTION



S TUBING HEAD SPOOL

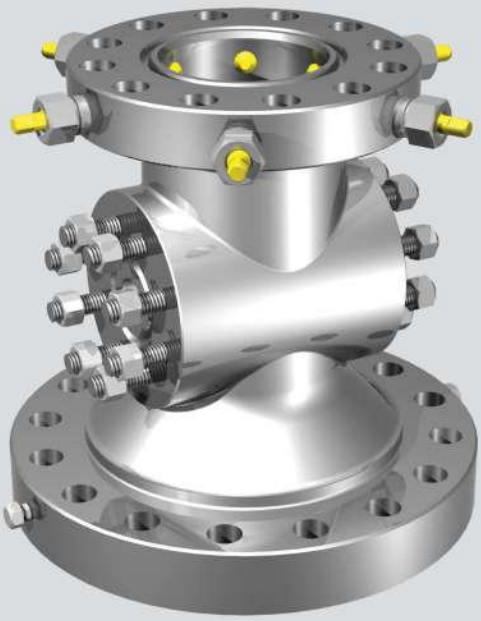
Our S Tubing Head Spool is used to suspend and seal tubings. Flanges and side outlets are in compliance with API spec. 6A.

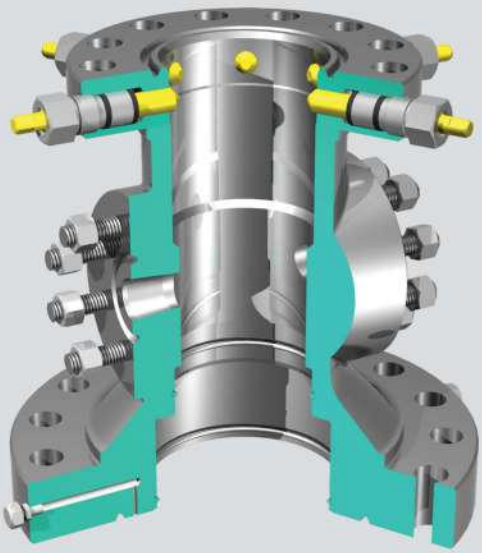
This S Tubing Head Spool is designed for single completion. For dual completion see our D Tubing Head Spool.

FEATURES

- Bottom flange size: 9" ÷ 13 5/8".
- Top flange size: 7 1/16" ÷ 13 5/8".
- Pressure rating: 2,000 ÷ 15,000 PSI.
- Outlets: studded flanges with valve removal thread.
- Available with lockscrews for hold tubing hangers.
- Optional selection for one of tubing hangers:
  - TH-EN
  - TH-SB
  - TH-ESP
- Optional selection for one of secondary seals:
  - PU-H
  - PU-IS
  - PU-M

FULL VIEW AND SECTION





D TUBING HEAD SPOOL

Petro Wellheads

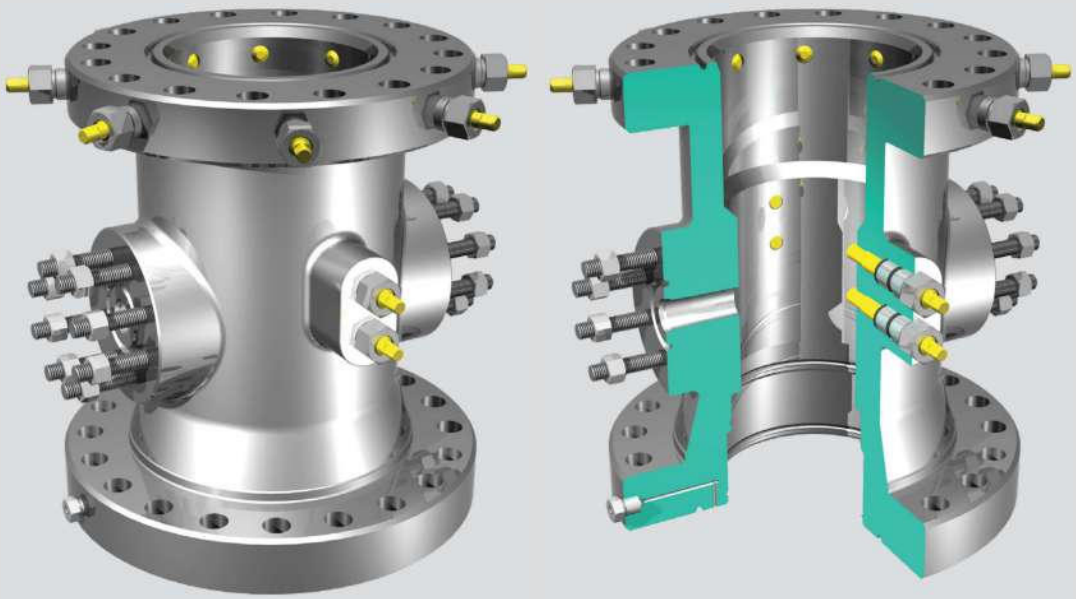
Our D Tubing Head Spool is used to suspend and seal tubings. Flanges and side outlets are in compliance with API spec. 6A.

This D Tubing Head Spool is designed for dual completion. For single completion see our S Tubing Head Spool.

FEATURES

- Bottom flange size: 9" ÷ 13 5/8".
- Top flange size: 7 1/16" ÷ 13 5/8".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Outlets: studded flanges with valve removal thread.
- Available with lockscrews for hold tubing hangers.
- Optional selection for one of tubing hangers:
  - TH-DS
- Optional selection for one of secondary seals:
  - PU-H
  - PU-IS
  - PU-M

FULL VIEW AND SECTION



Petro Wellheads

CASING HANGER

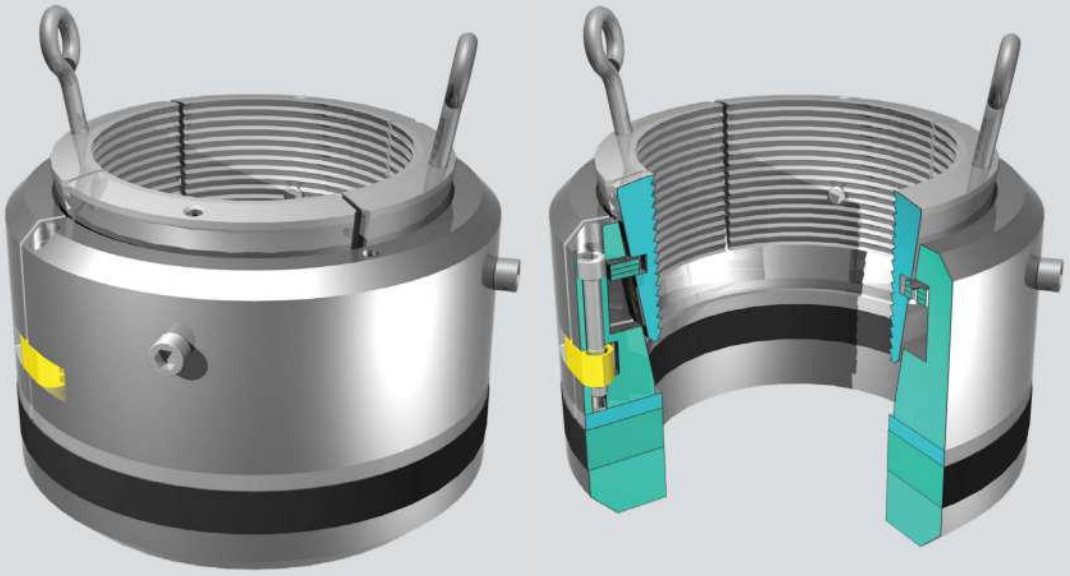
Our PU-22 Casing Hanger is a slip-type, wrap-around hanger with automatically energized annular seal.

This Casing Hanger is designed to suspend and seal light to medium casing loads.

FEATURES

- Casing size: 4 1/2" ÷ 16".
- Single, preassembled unit with a hinge and latch mechanism which locks it around the casing. A single cap screw is used to lock the hanger closed.
- Heavy-duty latch and hinge design creates a reliably strong and stable structure after closing.
- Guide ring maintains alignment of slip segments during assembly and installation.
- Pack-off is automatically energized by casing weight.

FULL VIEW AND SECTION



CASING HANGER

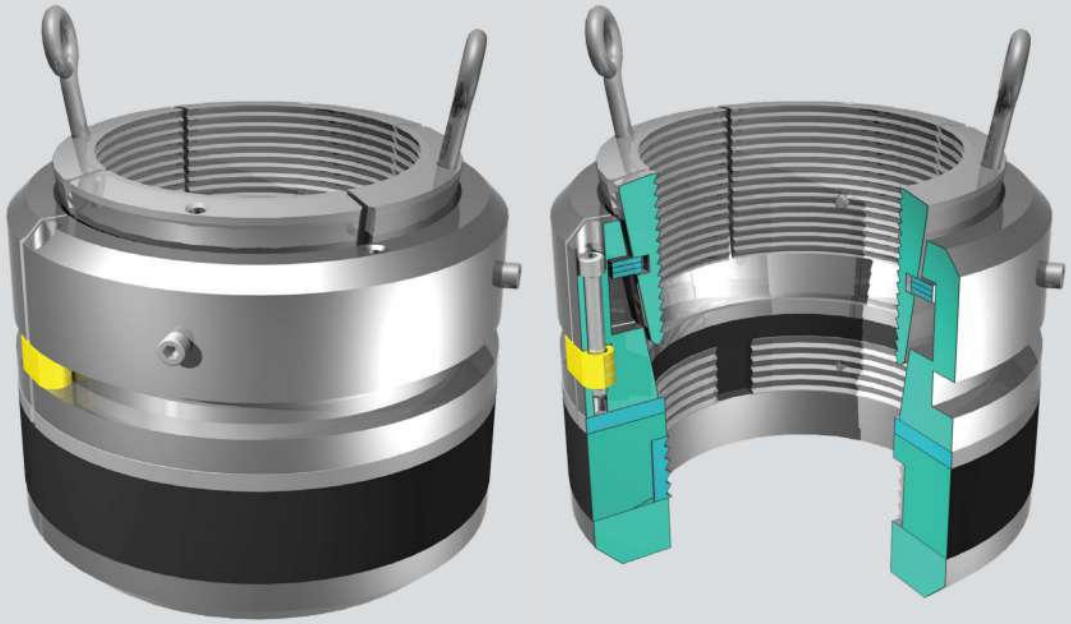
Our PU-29 Casing Hanger is a slip-type, wrap-around hanger with automatically energized annular seal.

This Casing Hanger is designed to suspend and seal high casing loads.

FEATURES

- Casing size: 4 1/2" ÷ 16".
- Single, preassembled unit with a hinge and latch mechanism which locks it around the casing. A single cap screw is used to lock the hanger closed.
- Heavy-duty latch and hinge design creates a reliably strong and stable structure after closing.
- Guide ring maintains alignment of slip segments during assembly and installation.
- Pack-off is automatically energized by casing weight.

FULL VIEW AND SECTION



CASING HANGER

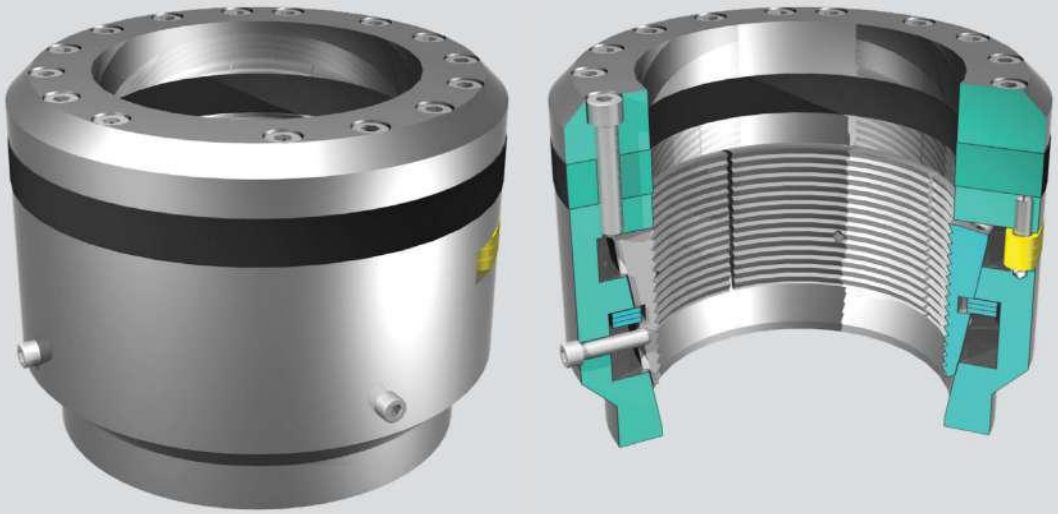
Our PU-21M Casing Hanger is a slip-type, wrap-around hanger with manually energized annular seal.

This Casing Hanger is designed to suspend and seal medium casing loads.

FEATURES

- Casing size: 4 1/2" ÷ 16".
- Single, preassembled unit with a hinge and latch mechanism which locks it around the casing. A single cap screw is used to lock the hanger closed.
- Heavy-duty latch and hinge design creates a reliably strong and stable structure after closing.
- Guide ring maintain alignment of slip segments during assembly and installation.
- Pack-off is manually energized as cap screws are tightened down to compress the seal.

FULL VIEW AND SECTION



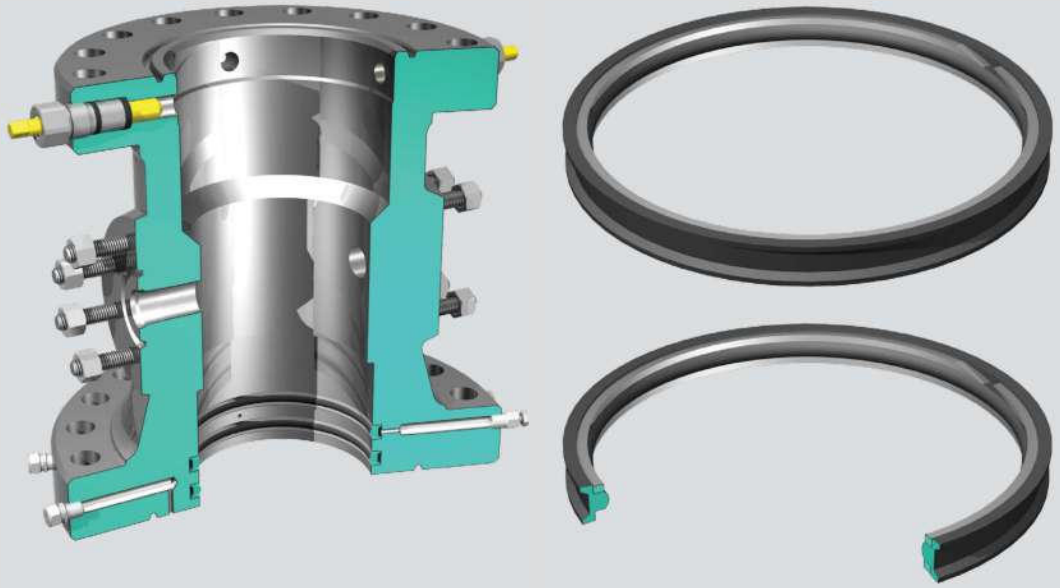
SECONDARY SEAL

Our PU-IS Secondary Seal is an elastomer seal made by compressing an injectable plastic material. The standard version is inserted at the bottom of the Casing Head Spool or of the Tubing Head Spool.

FEATURES

- Casing size: 4 1/2" ÷ 20".
- Pressure rating: 2,000 ÷ 15,000 PSI.
- Easy to install.
- Bidirectional seal.
- Metal anti-extrusion rings on each side.
- Soft packing seal energized.

FULL VIEW AND SECTION



SECONDARY SEAL

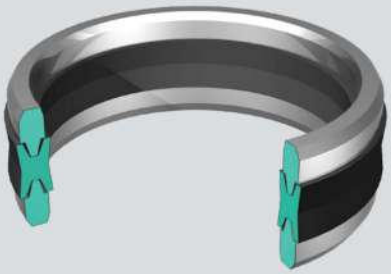
Our PU-H Secondary Seal is a self-energized elastomer seal, inserted at the bottom of the Casing Head Spool or of the Tubing Head Spool.

FEATURES

- Casing size: 4 1/2" ÷ 16".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Quick to install.
- Bidirectional seal.
- Metal anti-extrusion rings on each side.
- Self-energized when the spool is installed, does not require plastic material injection.
- Pack-off is pressure energized and has double lip-type seals.

FULL VIEW AND SECTION





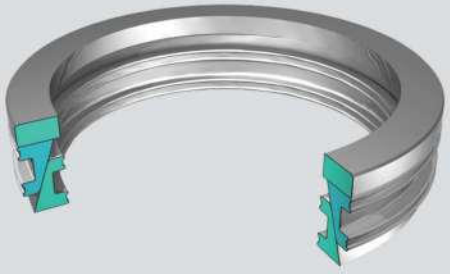
Our PU-M Secondary Seal is a metal-to-metal seal, inserted at the bottom of the Tubing Head Spool.

FEATURES

- Casing size: 4 1/2" ÷ 16".
- Pressure rating: 10,000 ÷ 15,000 PSI.
- Provides self and dependable service in high temperature applications.
- Easy to install.
- Bidirectional seal.
- Pack-off is pressure energized.

FULL VIEW AND SECTION





TUBING HANGER / ADAPTER

Petro Wellheads

Our TH-EN Tubing Hanger / Adapter, single string type, is designed to suspend and seal the tubing in the S Tubing Head Spool.

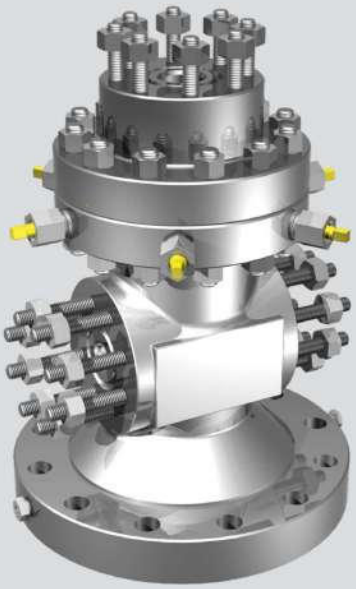
TUBING HANGER FEATURES

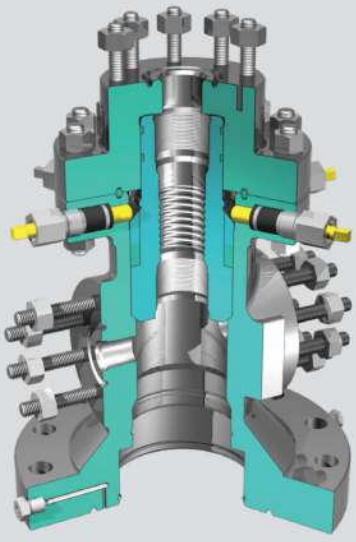
- Tubing size: 2 3/8" ÷ 4 1/2".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Bowl seal – elastomeric annular seal, energized by the head lockscrew without being affected by tubing weight.
- Neck seal – two elastomeric seals:
  - Seal between the extended neck of the tubing hanger and the mating pocket in the adapter
  - Isolates down hole control lines, if the tubing hanger is provided with control lines
- Quick and easy to install, no special running tools are required.
- A PU-BPV thread is furnished as standard.
- Available with standard API tubing threads or premium tubing threads.
- Available with one or two control lines, on request.

TUBING HANGER ADAPTERS FEATURES

- The flanges are in compliance with API spec. 6A.
- Bottom flange size: 7 1/16" ÷ 13 5/8".
- Top flange size: 2 1/16" ÷ 4 1/16".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Test fittings are standard furnished.
- Available with one or two control lines, on request.

FULL VIEW AND SECTION





TUBING HANGER / ADAPTER

Our TH-SB Tubing Hanger / Adapter, single string type, is designed to suspend and seal the tubing in the S Tubing Head Spool. The complete set consists of a Tubing Hanger Coupling, a Coupling Nut, a Tubing Hanger Adapter and a Wrap-Around Hanger.

TUBING HANGER COUPLING / COUPLING NUT FEATURES

- Tubing size: 2 3/8" ÷ 4 1/2".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Two elastomeric seals between the extended neck of the tubing hanger coupling and the mating pocket in the adapter.
- Quick and easy to install, no special running tools are required.
- A PU-BPV thread is furnished as standard.
- Available with standard API tubing threads or premium tubing threads.
- Coupling nut with coarse ACME OD threads eliminates rotation of the tree during installation.

TUBING HANGER ADAPTERS FEATURES

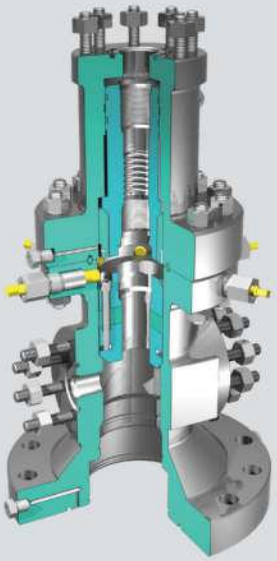
- The flanges are in accordance with API spec. 6A.
- Bottom flange size: 7 1/16" ÷ 13 5/8".
- Top flange size: 2 1/16" ÷ 4 1/16".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Test fittings are standard furnished.

WRAP-AROUND HANGER FEATURES

- Tubing size: 2 3/8" ÷ 4 1/2".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Bowl seal – elastomeric annular seal, energized by the head lockscrew.

FULL VIEW AND SECTION





TUBING HANGER / ADAPTER

Petro Wellheads

Our TH-DS Tubing Hanger / Adapter, dual strings type, is designed to suspend and seal the tubings in the D Tubing Head Spool.

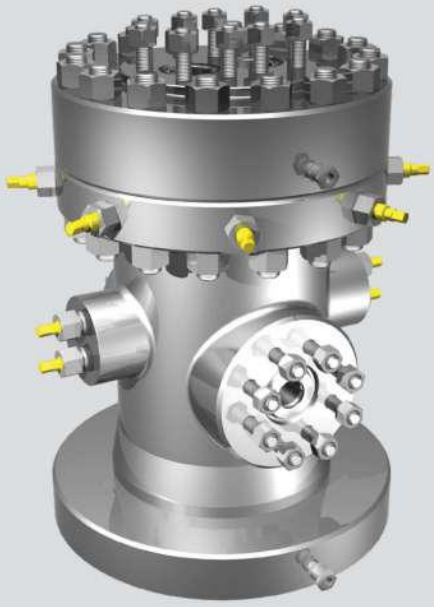
TUBING HANGER FEATURES

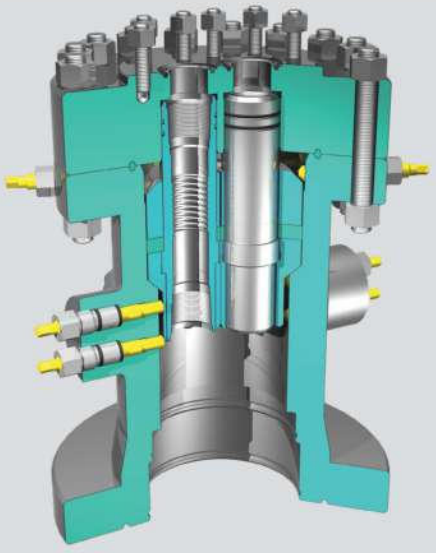
- Tubing size: 2 3/8" ÷ 4 1/2".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Split hanger type can be run and pulled independently.
- Bowl seal – elastomeric annular seal, energized by the head lockscrew without being affected by tubing weight.
- Neck seal – two elastomeric seals:
  - Seal between the extended neck of the tubing hanger and the mating pocket in the adapter
  - Isolates down hole control lines, if the tubing hanger is provided with control lines
- Quick and easy to install, no special running tools are required.
- Alignment slots engage the two alignment pins in the tubing head spool to ensure the proper positioning of the hanger segments.
- A PU-BPV thread is furnished as standard.
- Available with standard API tubing threads or premium tubing threads.
- Available with one or two control lines, on request.

TUBING HANGER ADAPTERS FEATURES

- The flanges are in accordance with API spec. 6A.
- Bottom flange size: 7 1/16" ÷ 13 5/8".
- Top flange size: 2 1/16" ÷ 4 1/16".
- Pressure rating: 2,000 ÷ 10,000 PSI.
- Test fittings are standard furnished.
- Available with one or two control lines, on request.

FULL VIEW AND SECTION





TUBING HANGER / ADAPTER

The TH-ESP Tubing Hanger / Adapter, is designed in one string to suspend and seal the tubing while the other to carry and seal the electrical cable in the S Tubing Head Spool.

TUBING HANGER FEATURES

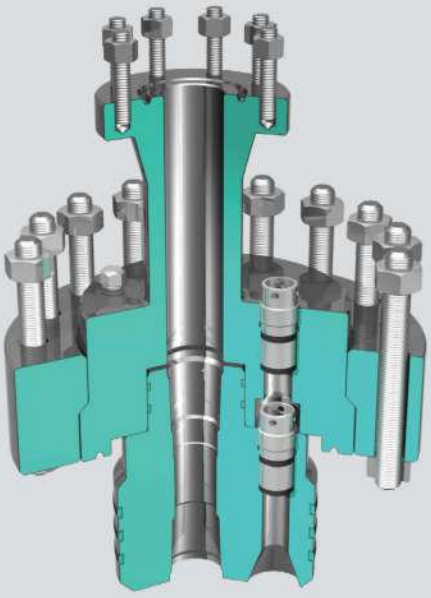
- Tubing size: 2 3/8" ÷ 4 1/2".
- Pressure rating: 2,000 ÷ 5,000 PSI.
- Bowl seal – elastomeric seal, without being affected by tubing weight.
- Stuffing box prepared to receive different sizes of stripped cable.
- Quick and easy to install, no special running tools are required.
- A PU-BPV thread is furnished as standard.
- Available with standard API tubing threads or premium tubing threads.

TUBING HANGER ADAPTERS FEATURES

- Rotating flange allow proper installation.
- The flanges are in accordance with API spec. 6A.
- Bottom flange size: 7 1/16" ÷ 13 5/8".
- Top flange size: 2 1/16" ÷ 4 1/16".
- Pressure rating: 2,000 ÷ 5,000 PSI.
- Stuffing box prepared to receive different sizes of stripped cable.
- Test fittings are standard furnished.

FULL VIEW AND SECTION





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